

Figure 1A

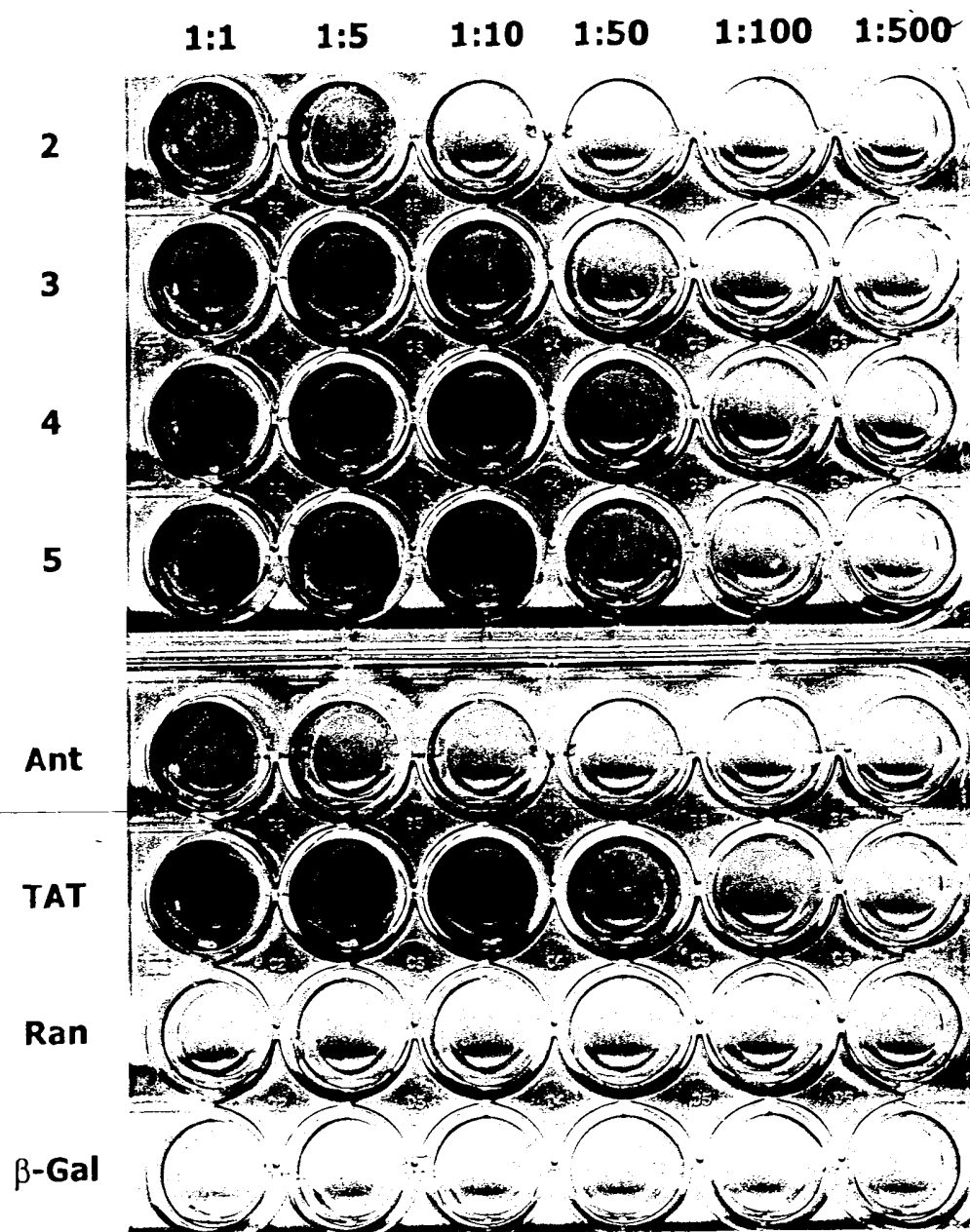


Figure 1B

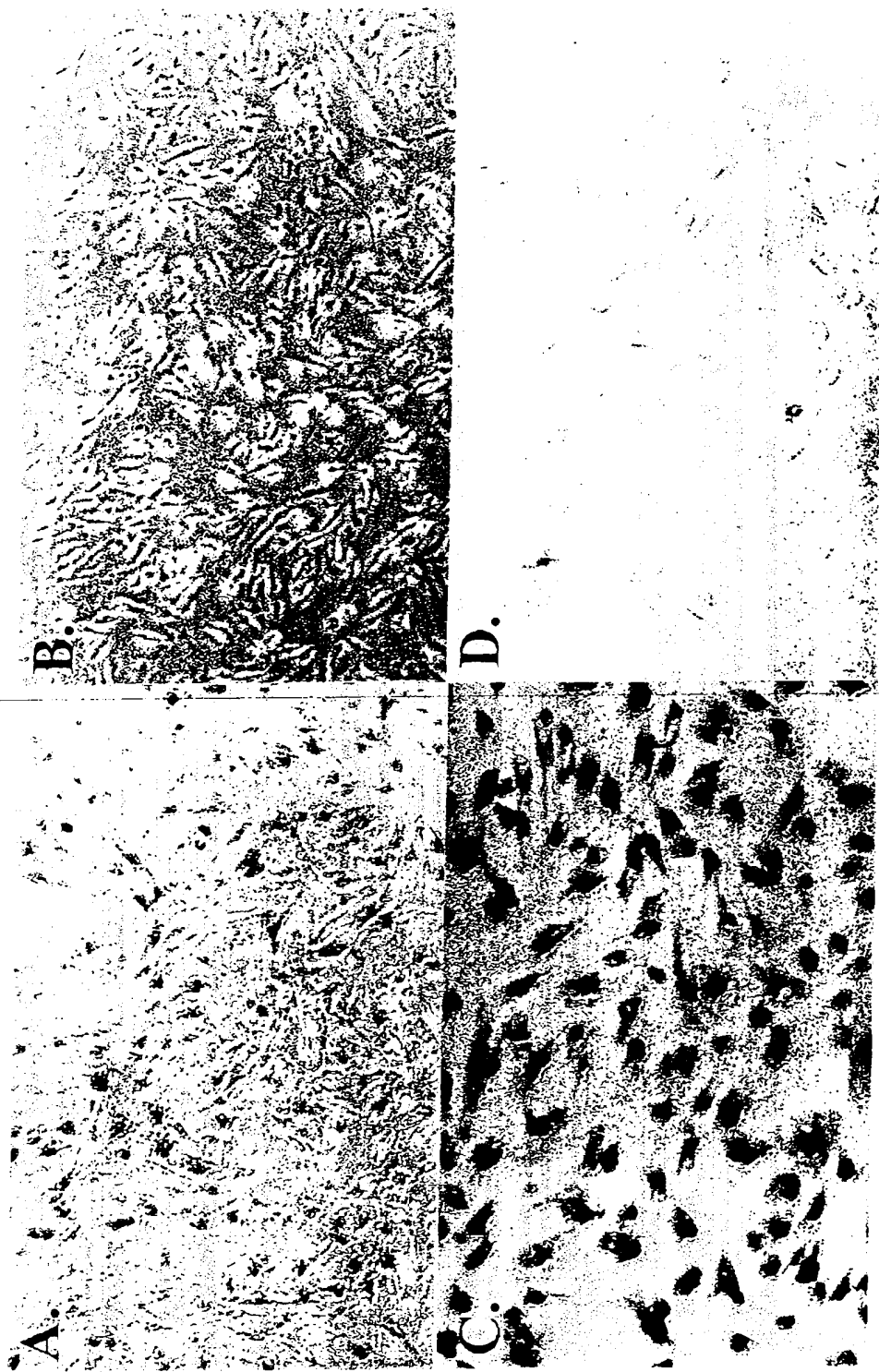


Figure 2

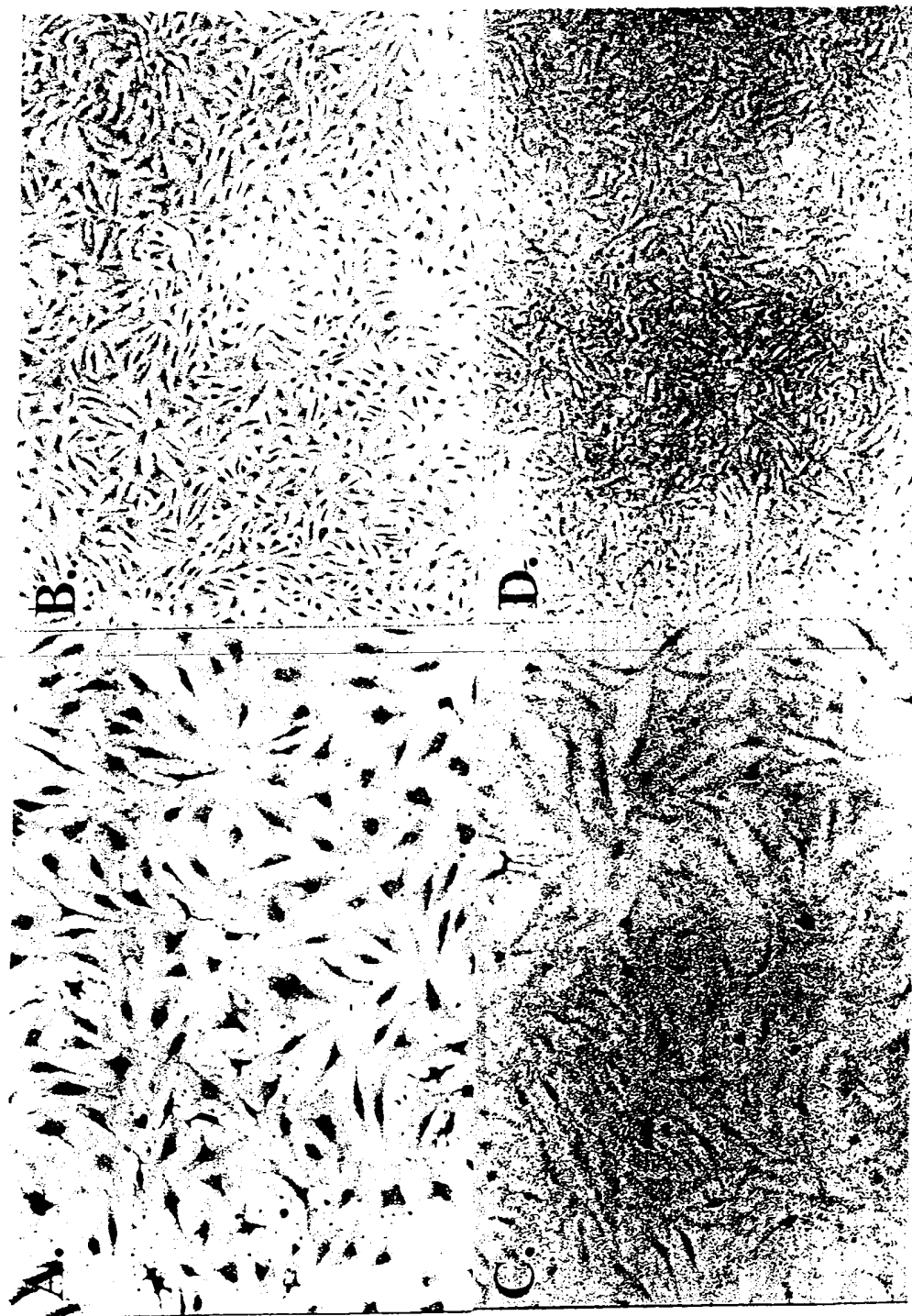


Figure 3

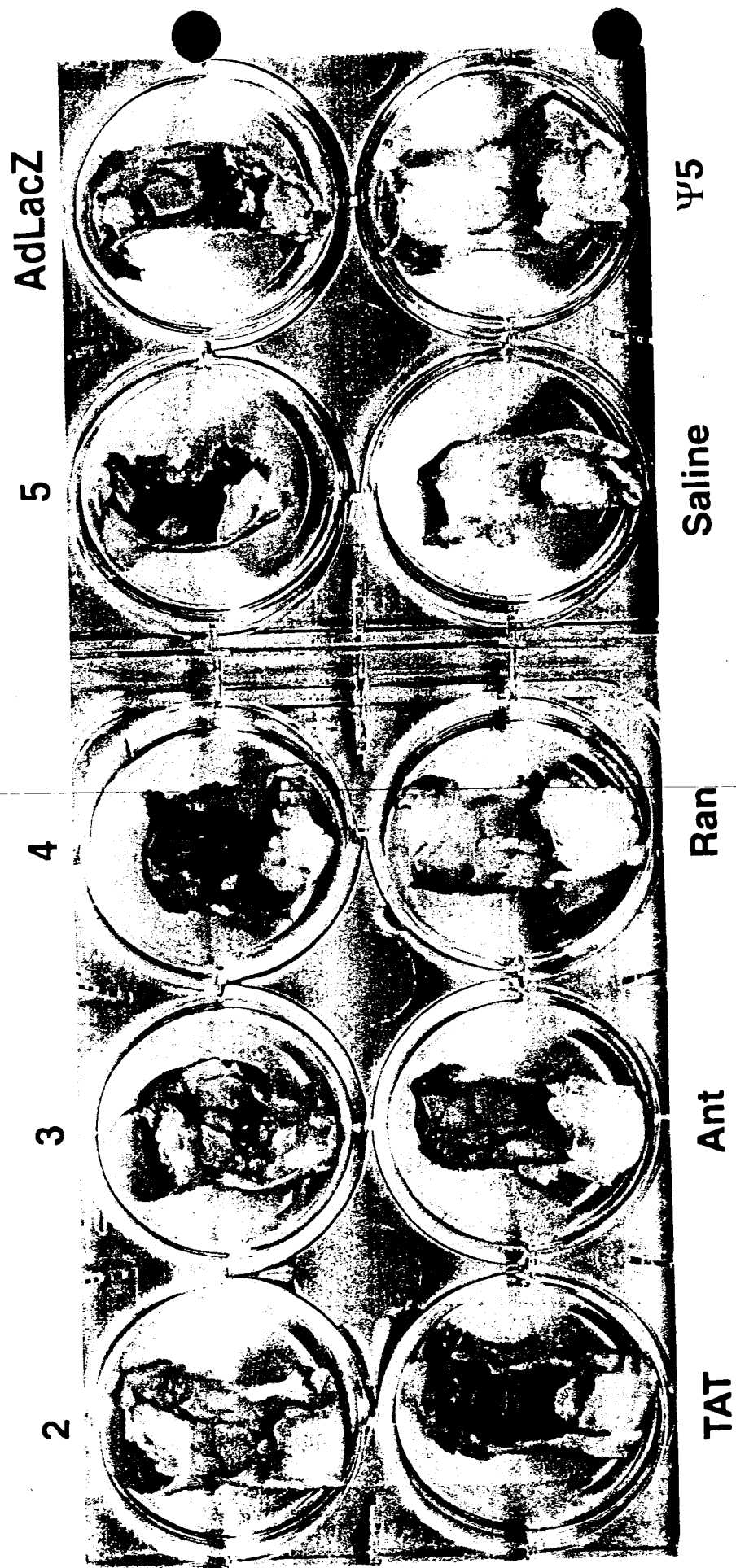


Figure 4A

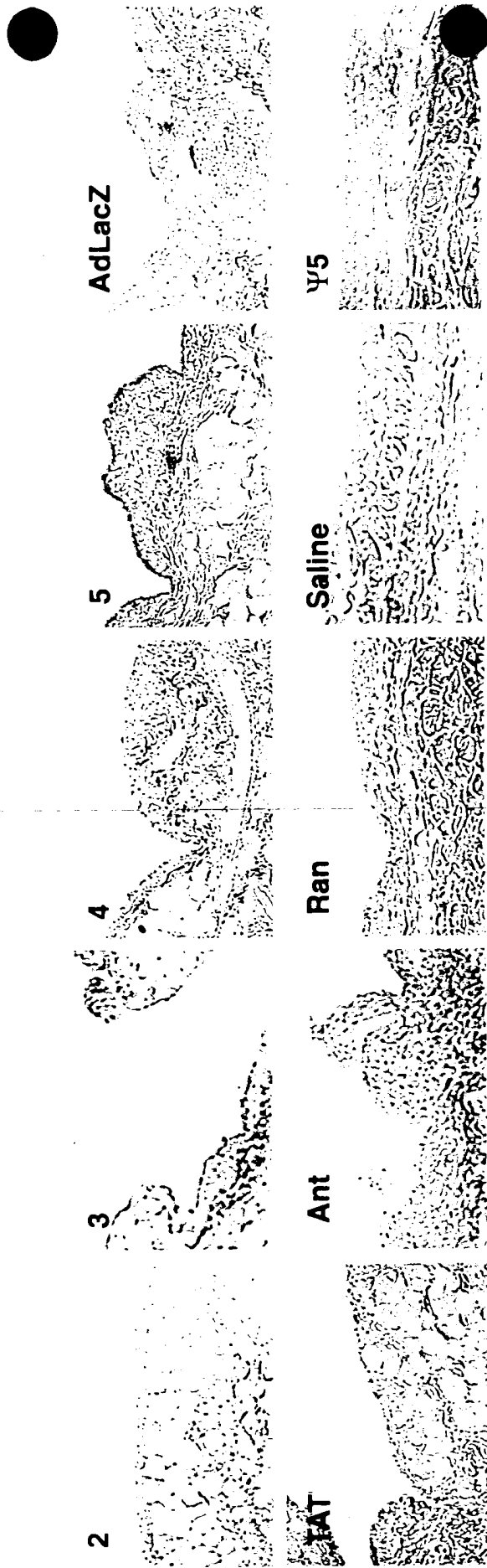


Figure 4B

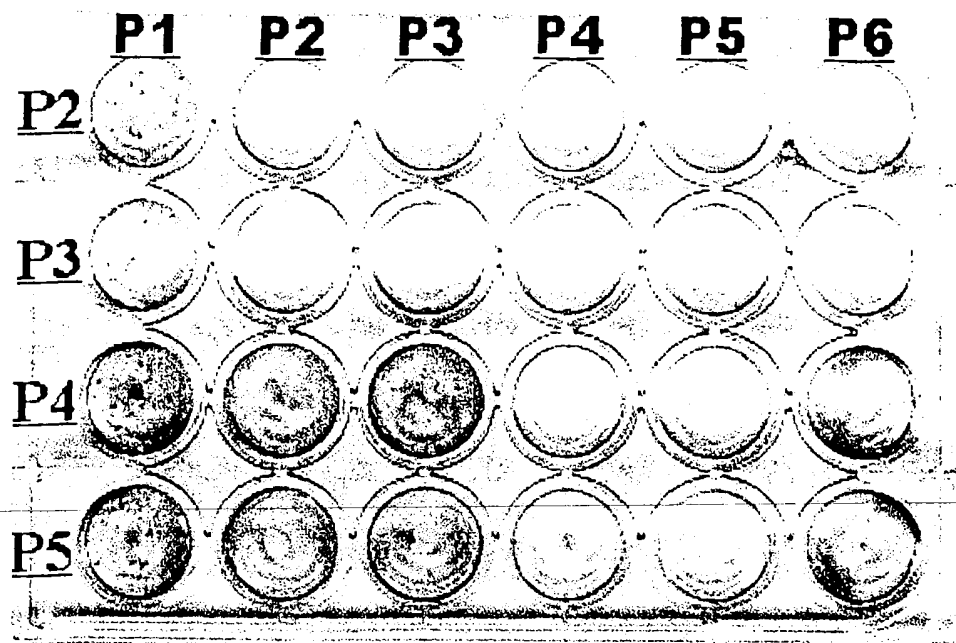


Figure 5

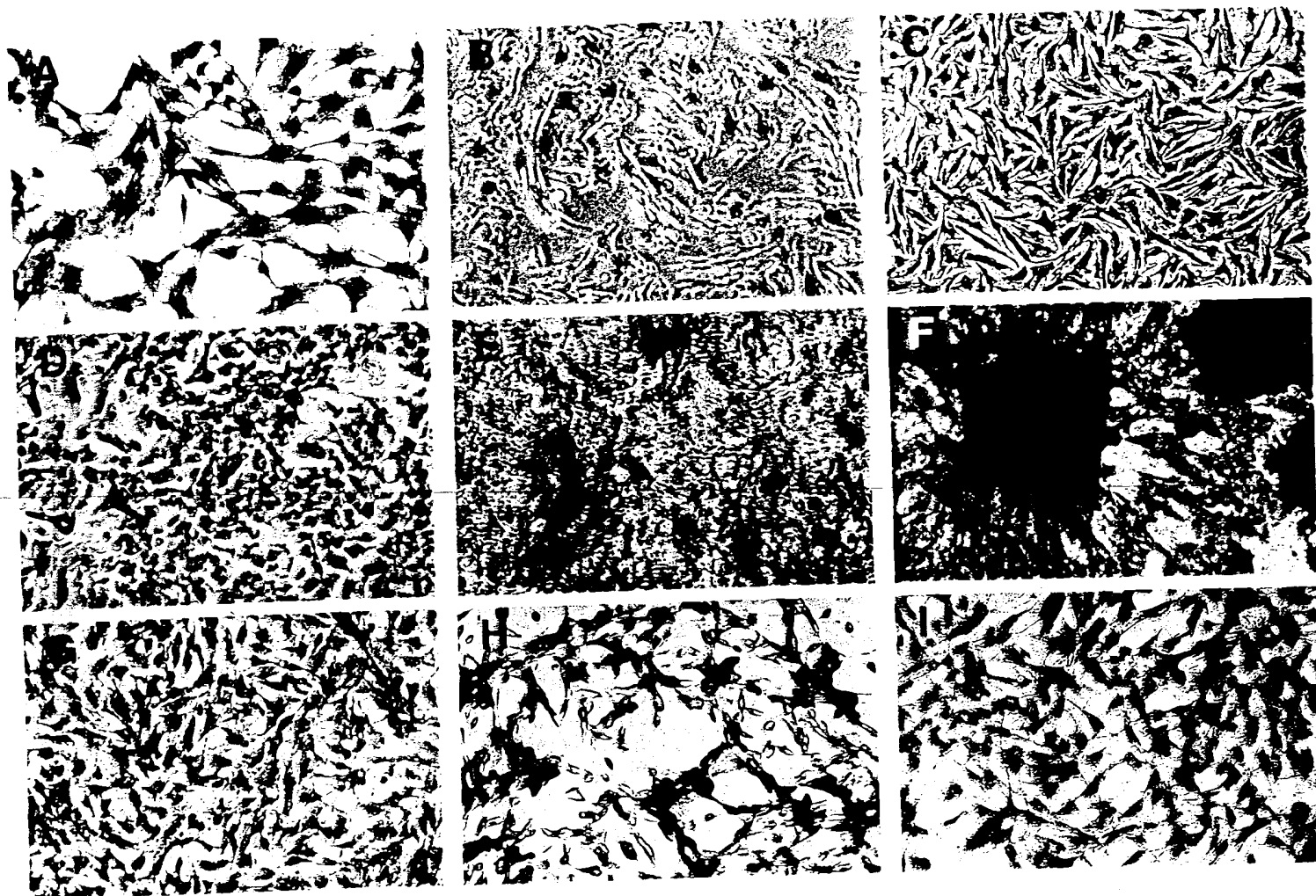


Figure 6



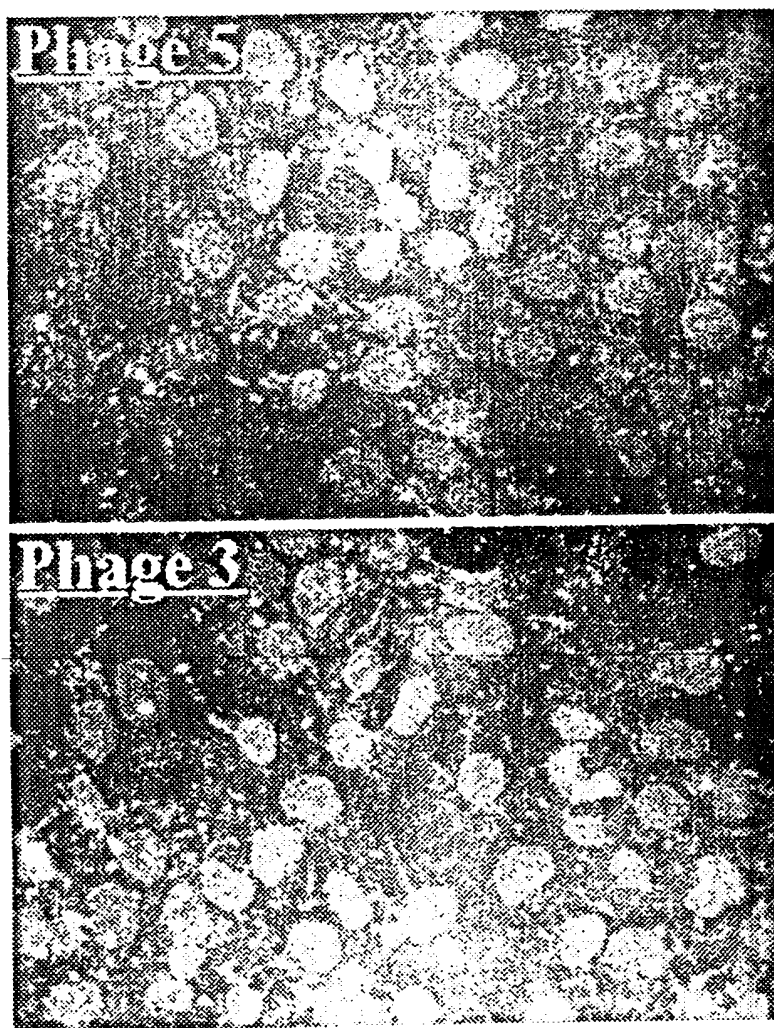


Figure 7

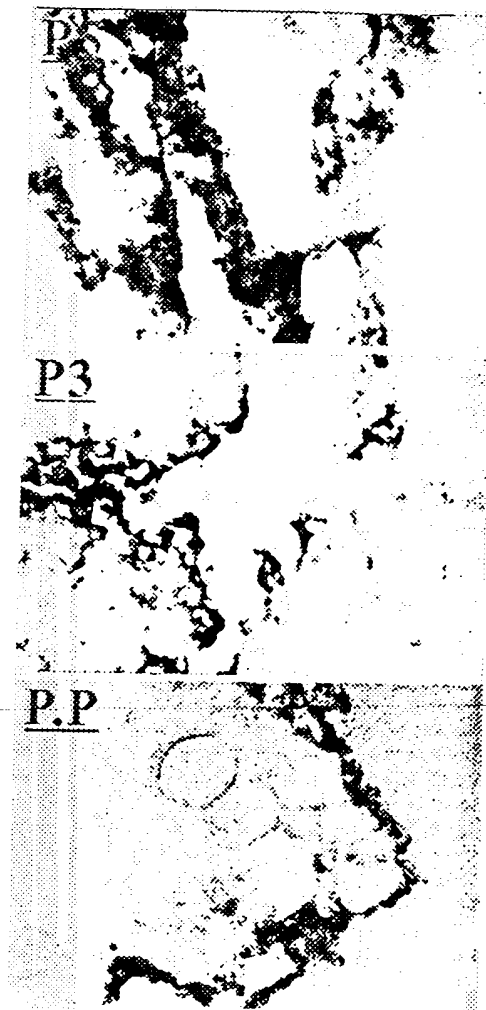
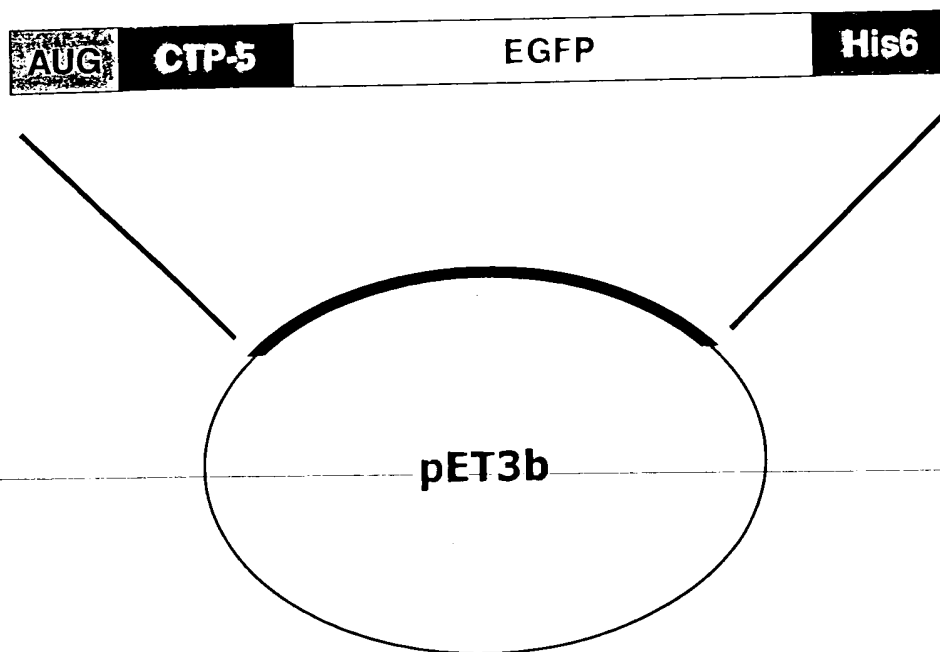
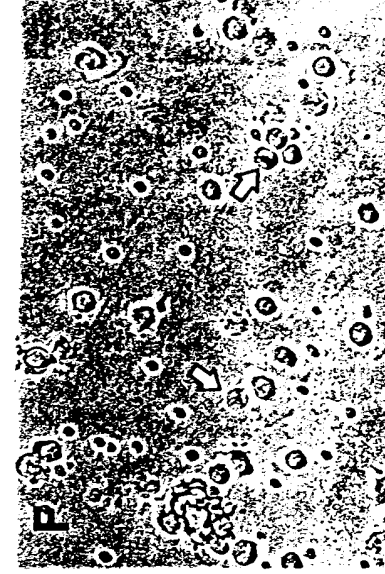
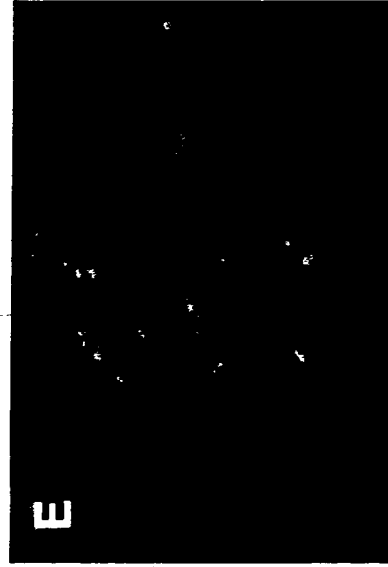
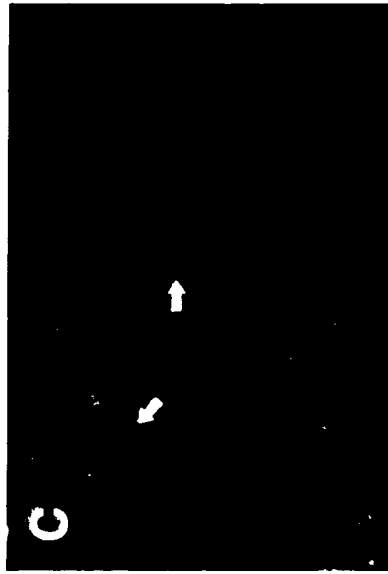


Figure 8



**Figure 9A**



**Figure 9B-G**

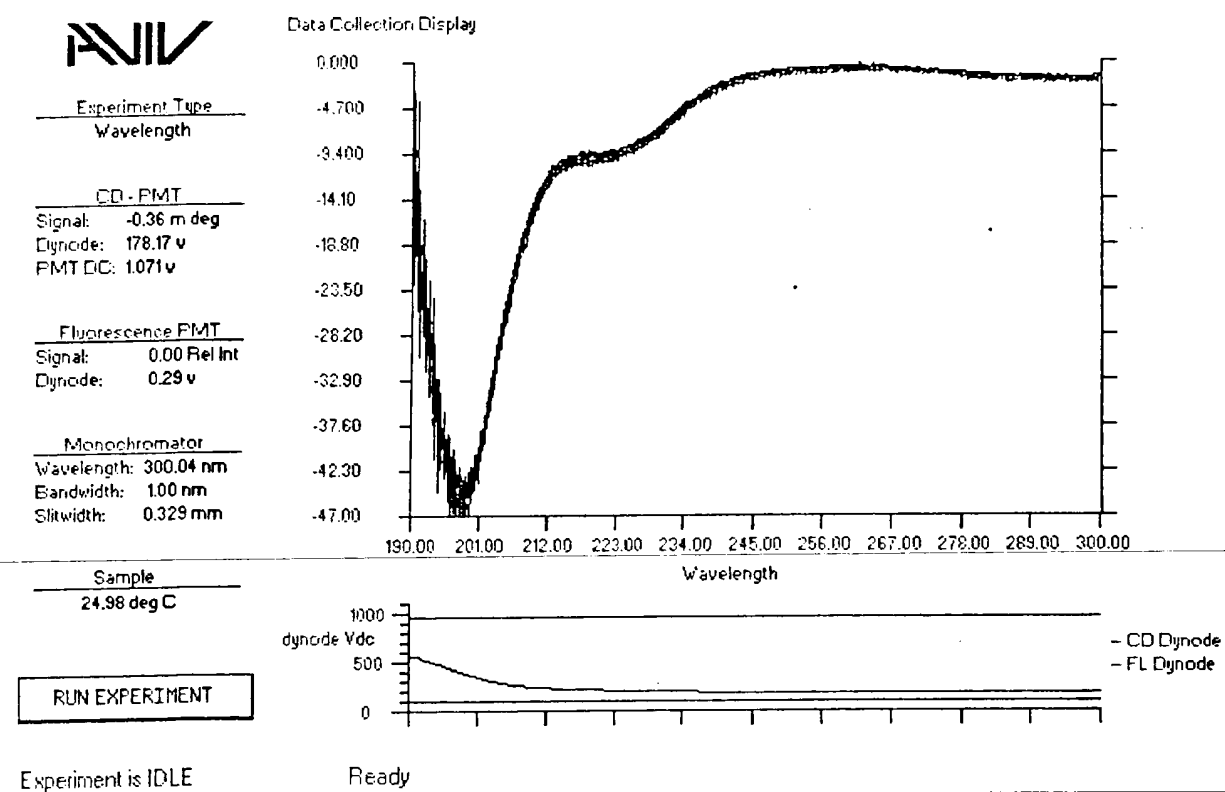


Figure 10 A

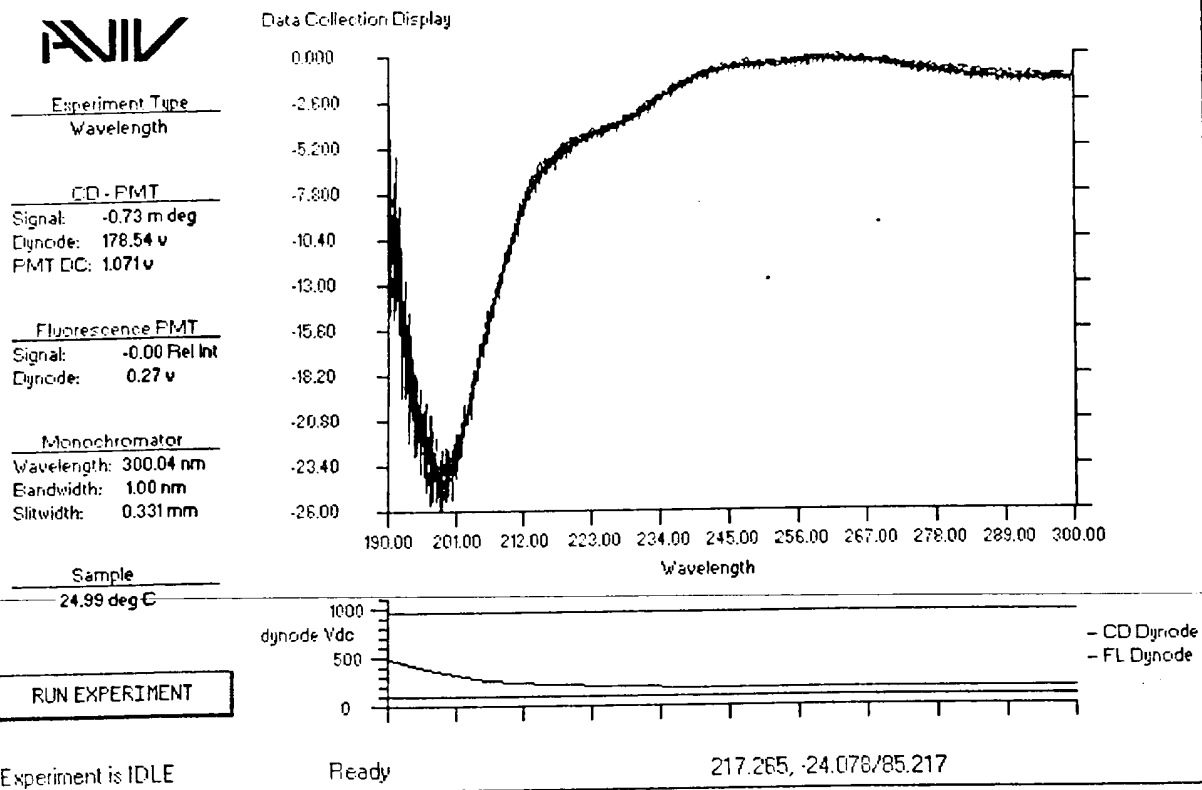


Figure 10 B



Experiment Type  
Wavelength

CD - PMT

Signal: -0.82 m deg  
Dynode: 178.26 v  
PMT DC: 1.071 v

Fluorescence PMT

Signal: -0.00 Rel Int  
Dynode: 0.29 v

Monochromator

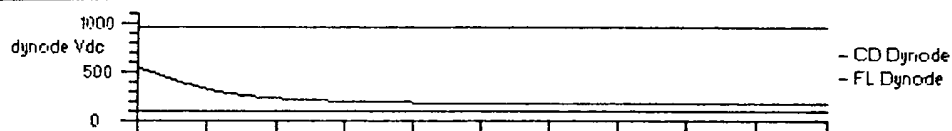
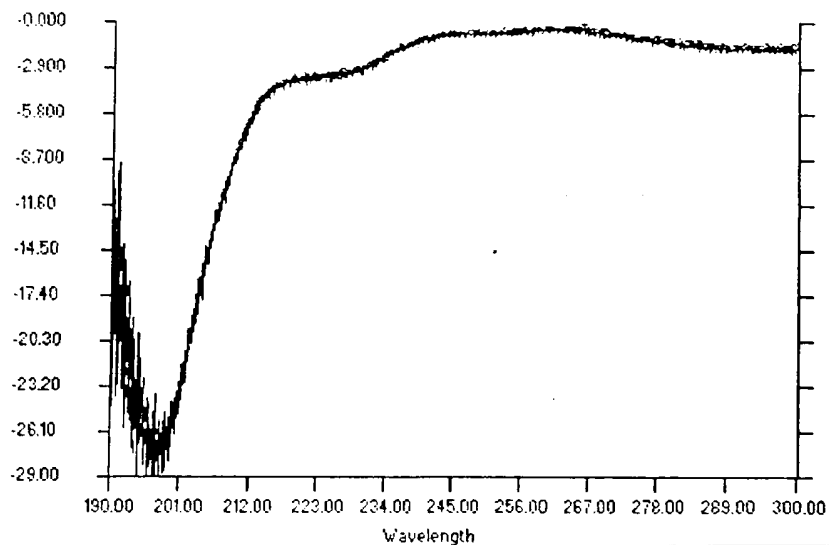
Wavelength: 300.04 nm  
Bandwidth: 1.00 nm  
Slitwidth: 0.329 mm

Sample

24.97 deg C

RUN EXPERIMENT

Data Collection Display



Experiment is IDLE

Ready

217.265, -26.730/84.348

Figure 10 C



Experiment Type  
Wavelength

CD - PMT

Signal: -0.76 m deg  
Dynode: 179.39 v  
PMT DC: 1071 v

Fluorescence PMT

Signal: -0.03 Rel Int  
Dynode: 0.11 v

Monochromator

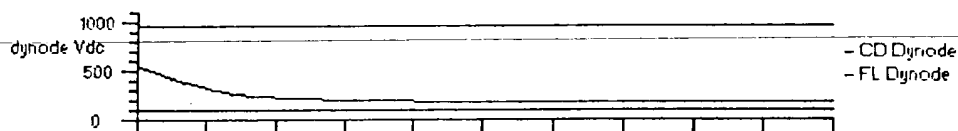
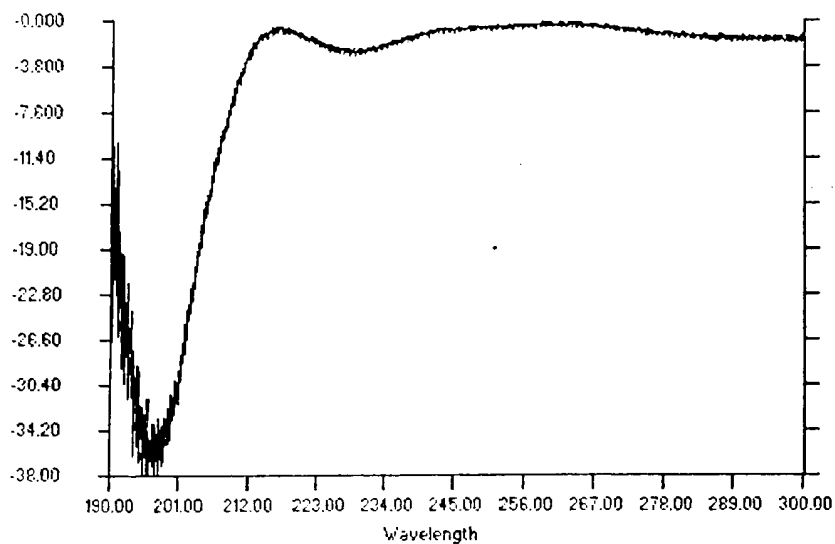
Wavelength: 300.04 nm  
Bandwidth: 1.00 nm  
Slitwidth: 0.331 mm

Sample

24.99 deg C

RUN EXPERIMENT

Data Collection Display



Experiment is IDLE

Ready

213.818, -35.357/86.087

Figure 10 D





Experiment Type  
Wavelength

CD - PMT

Signal: -0.99 m deg  
Dynode: 177.73 v  
PMT DC: 1071 v

Fluorescence PMT

Signal: -0.03 Rel Int  
Dynode: 0.46 v

Monochromator

Wavelength: 300.04 nm  
Bandwidth: 1.00 nm  
Slitwidth: 0.331 mm

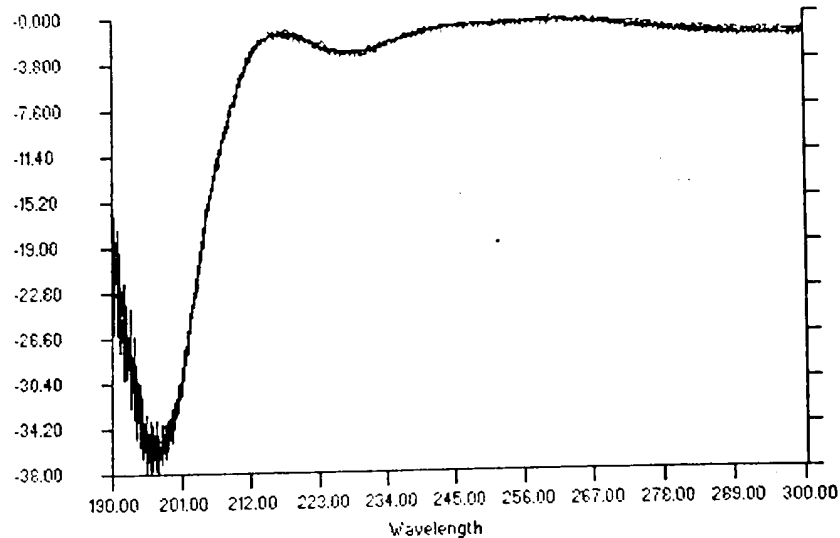
Sample

24.99 deg C

RUN EXPERIMENT

Experiment is IDLE

Data Collection Display



Ready

214.758, -34.696/82.609

Figure 10 E



Experiment Type  
Wavelength

CD - PMT

Signal: -0.81 m deg  
Dynode: 179.81 v  
PMT DC: 1.071 v

Fluorescence PMT

Signal: -0.00 Rel Int  
Dynode: 0.30 v

Monochromator

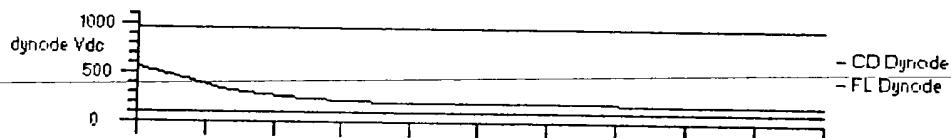
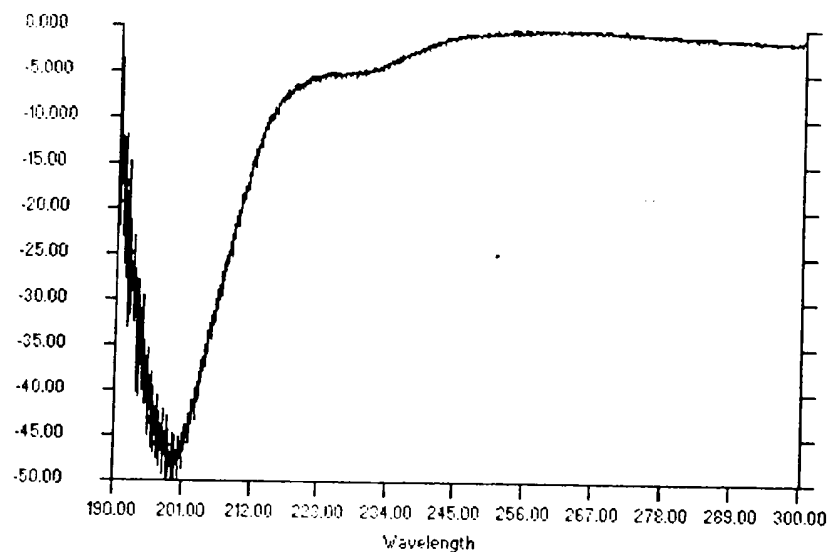
Wavelength: 300.04 nm  
Bandwidth: 1.00 nm  
Slitwidth: 0.331 mm

Sample

24.99 deg C

RUN EXPERIMENT

Data Collection Display



Experiment is IDLE

Ready

217.892, -44.130/76.522

Figure 10 F



Experiment Type  
Wavelength

CD - PMT

Signal: -0.74 m deg  
Dynode: 181.86 v  
PMT DC: 1.071 v

Fluorescence PMT

Signal: -0.00 Rel Int  
Dynode: 0.28 v

Monochromator

Wavelength: 300.04 nm  
Bandwidth: 1.00 nm  
Slitwidth: 0.329 mm

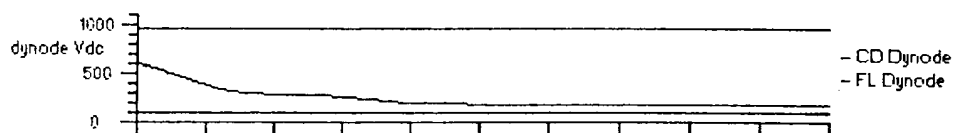
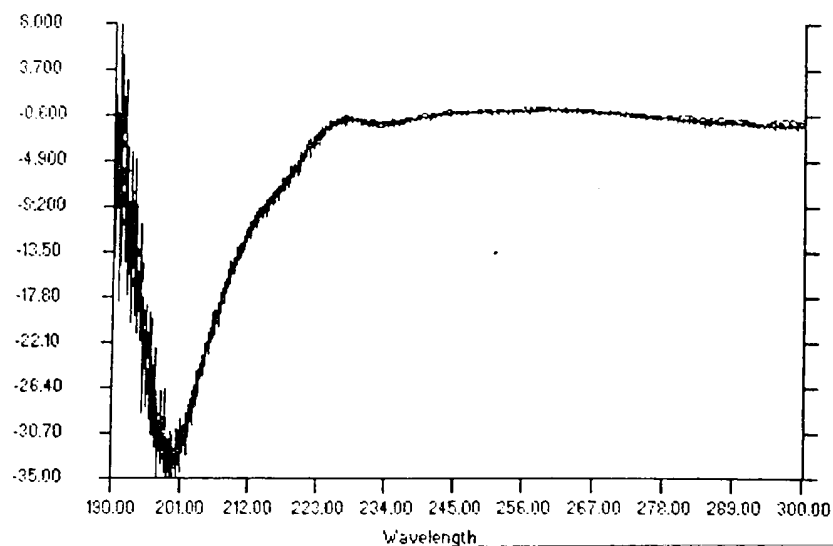
Sample

24.98 deg C

RUN EXPERIMENT

Experiment is IDLE

Data Collection Display



Ready

215.385, -30.513/79.130

Figure 10 G



Experiment Type  
Wavelength

CD - PMT

Signal: -17.65 m deg  
Dynode: 530.95 v  
PMT DC: 1061 v

Fluorescence PMT

Signal: -0.00 Rel Int  
Dynode: 0.30 v

Monochromator

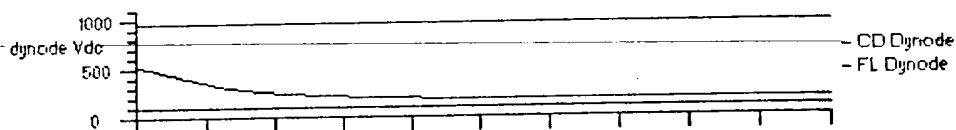
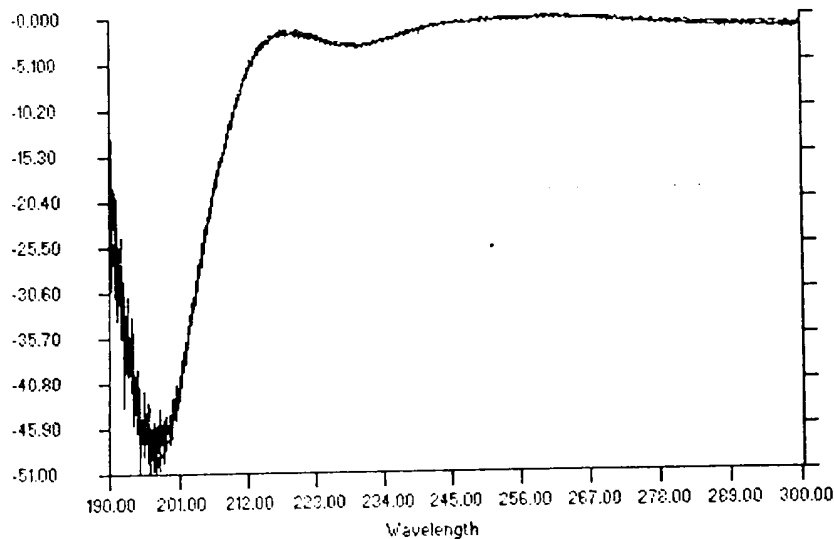
Wavelength: 300.04 nm  
Bandwidth: 1.00 nm  
Slitwidth: 1.314 mm

Sample

24.99 deg C

STOP EXPERIMENT

Data Collection Display



Ready

Moving slits, please wait...

217.578, -44.791/75.652

Figure 10 H

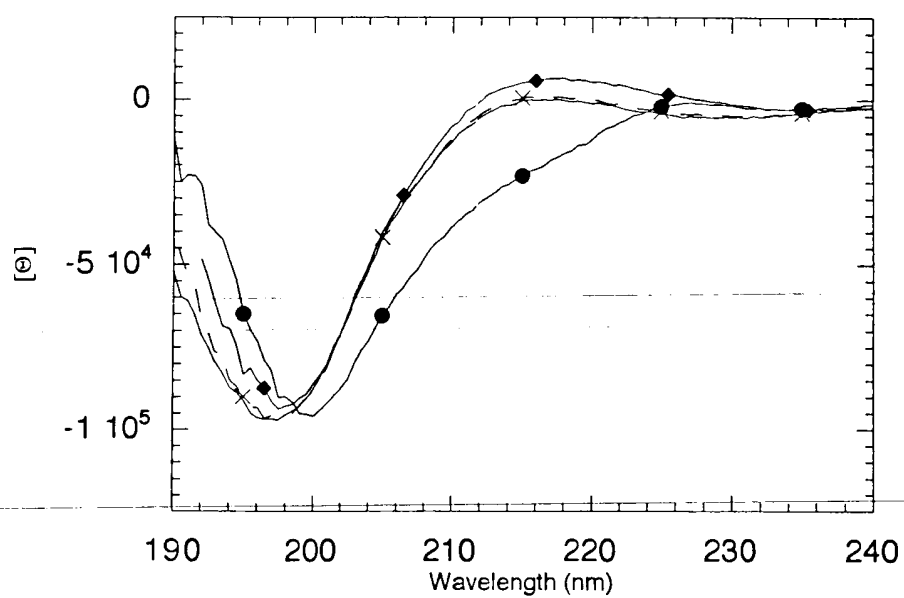


Figure 11A

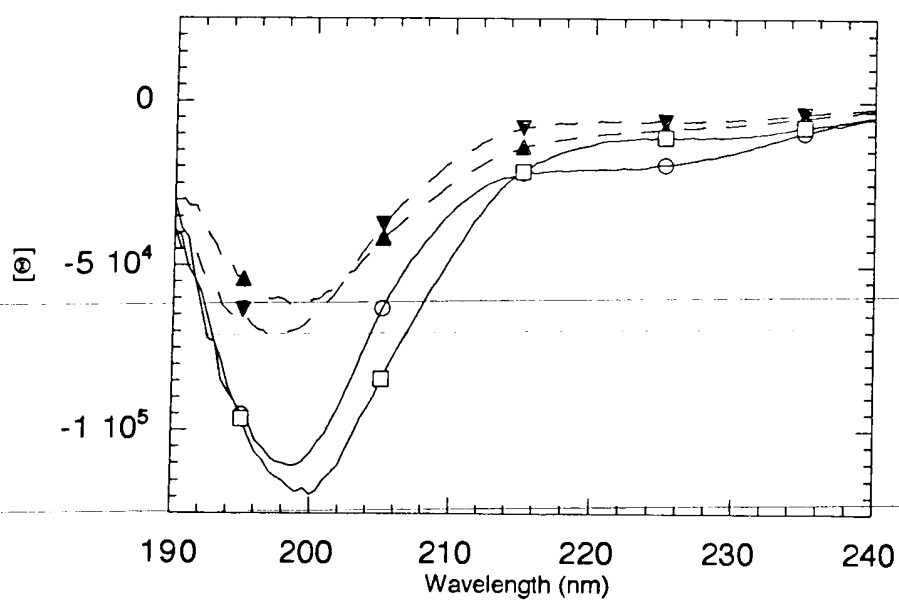


Figure 11B

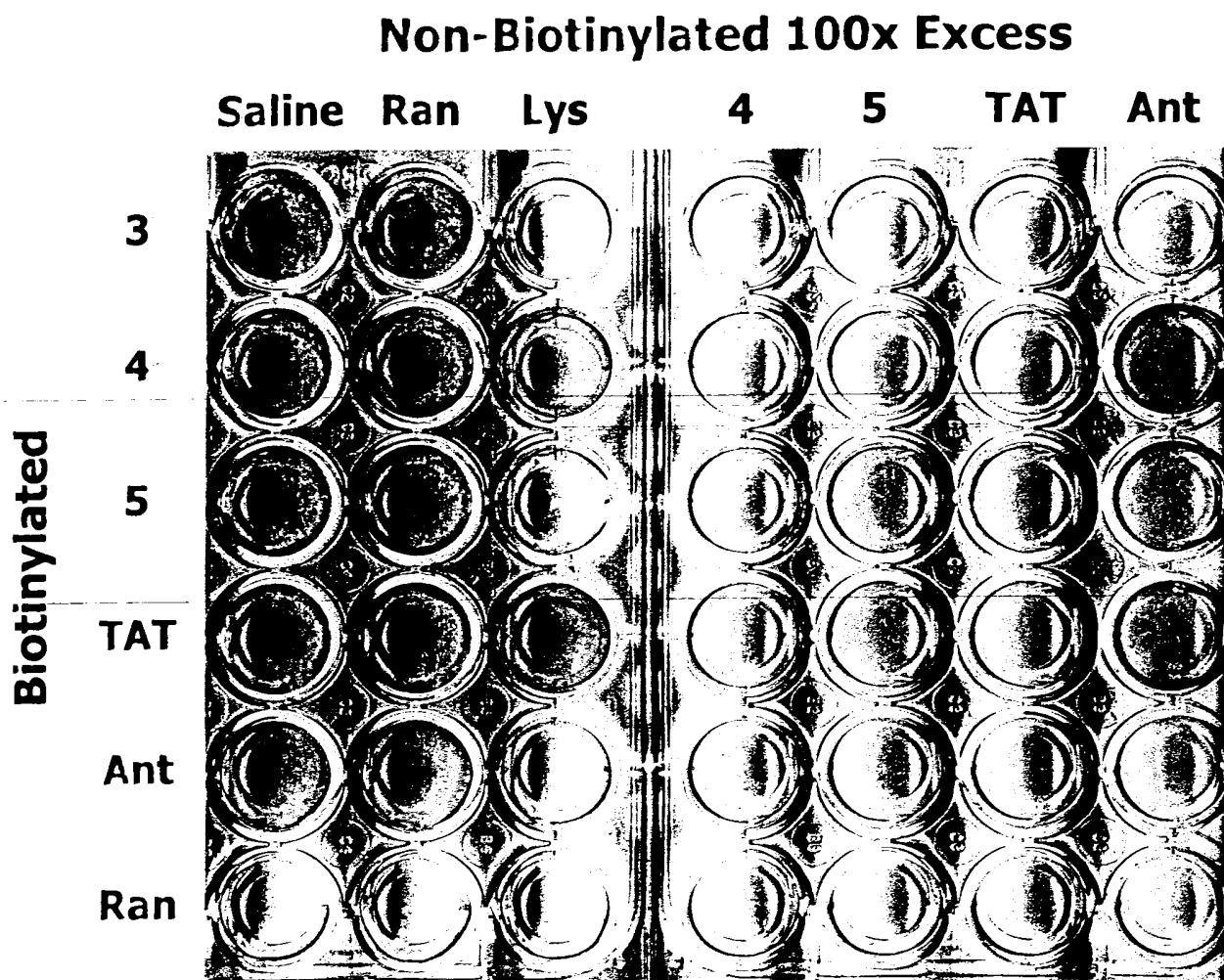


Figure 12

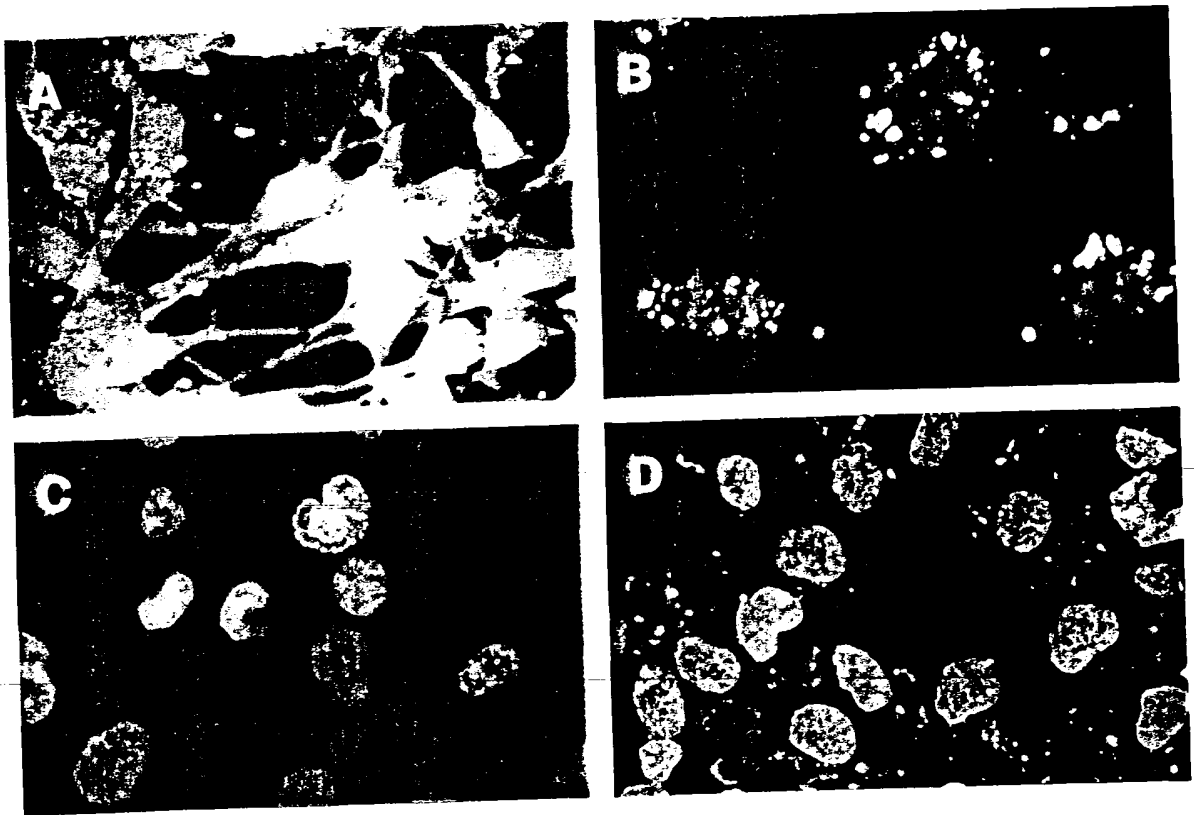


Figure 13



# CTP-5-(KLAKLAK)<sub>2</sub> Peptide Impairs Cell Viability in Hig 82 Cells

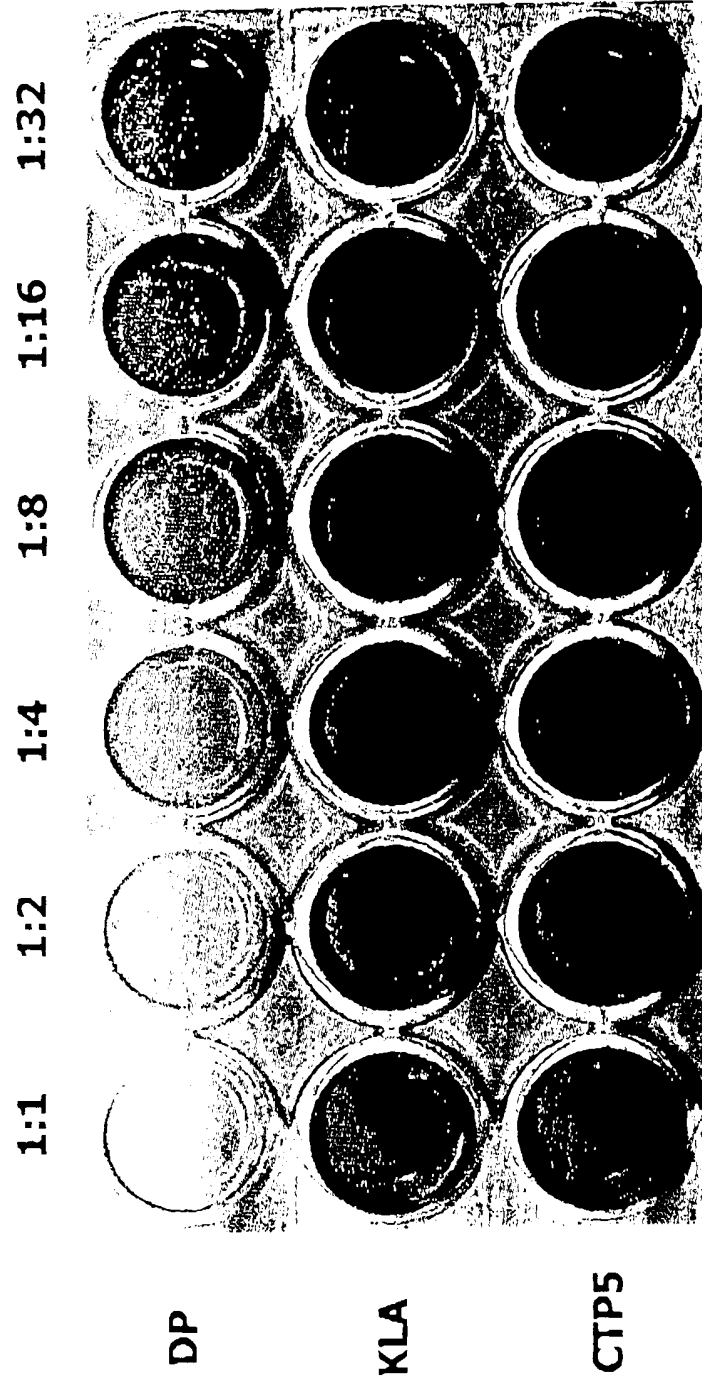


Figure 14

# CTP-5-(KLAKLAK)<sub>2</sub> Peptide Impairs Cell Viability in Hig 82 Cells

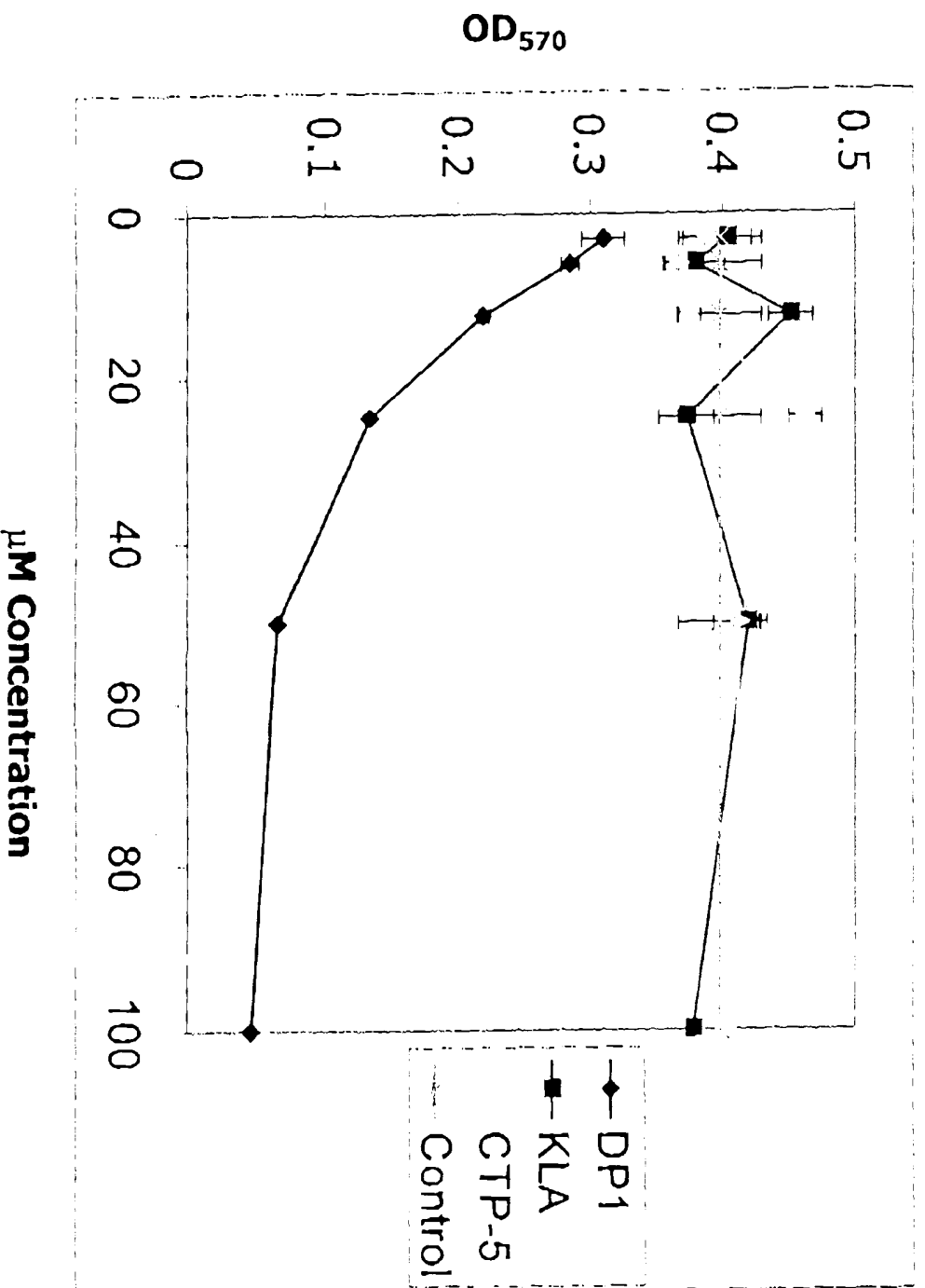


Figure 15

# Effect of CTP-5-(KLAKLAK)<sub>2</sub> Peptide Administration on Day 7 MCA205 Tumors

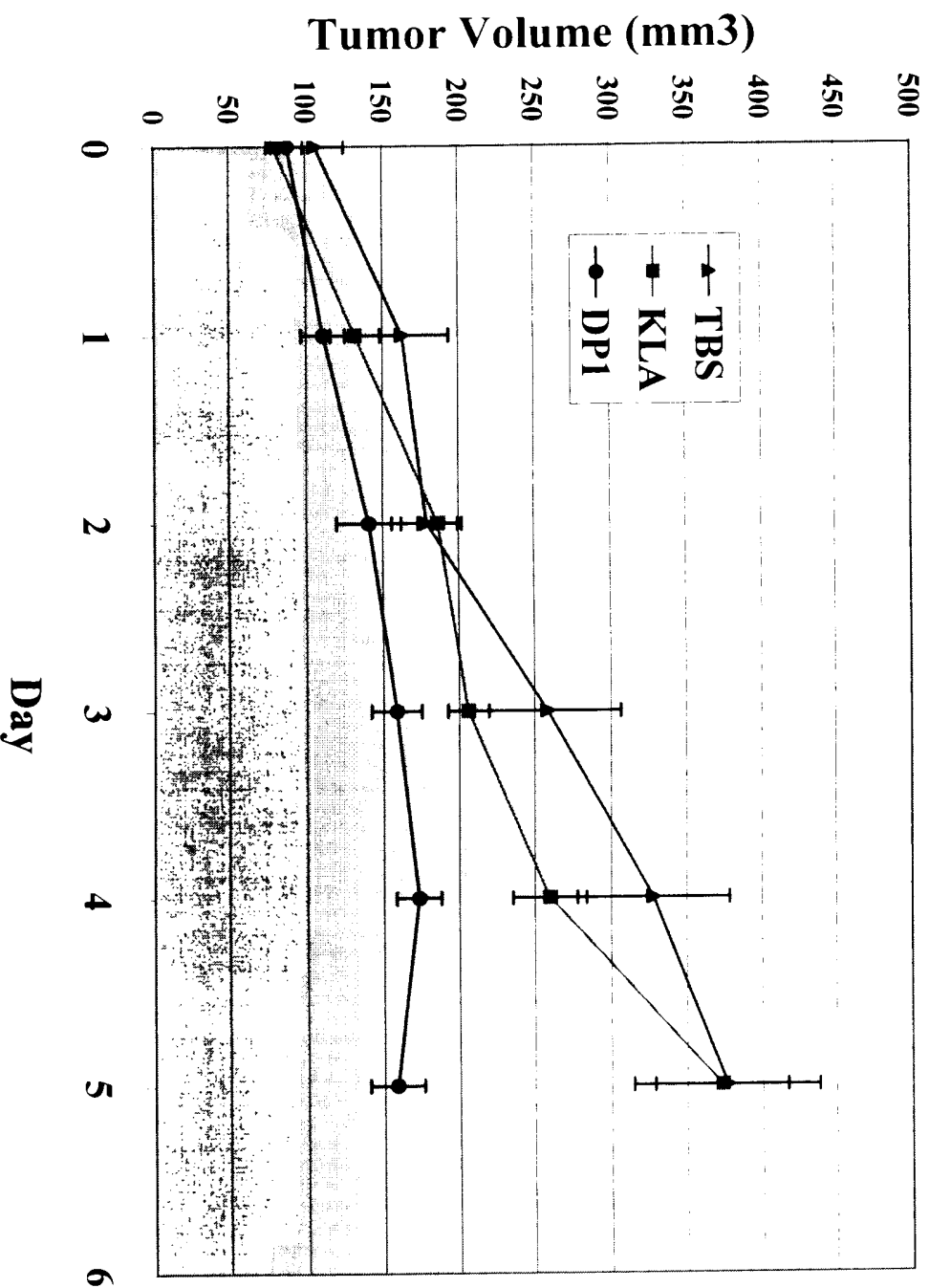
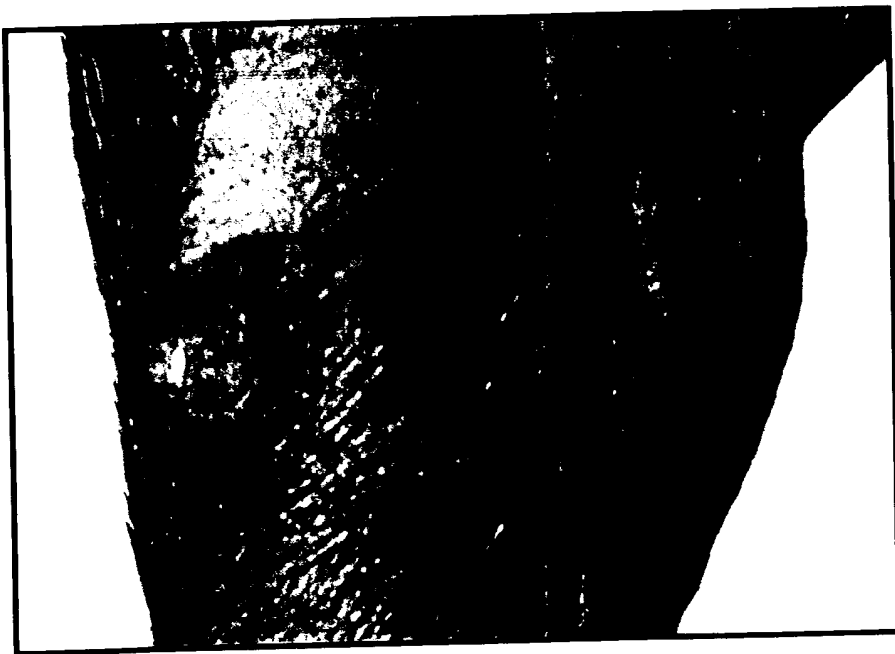
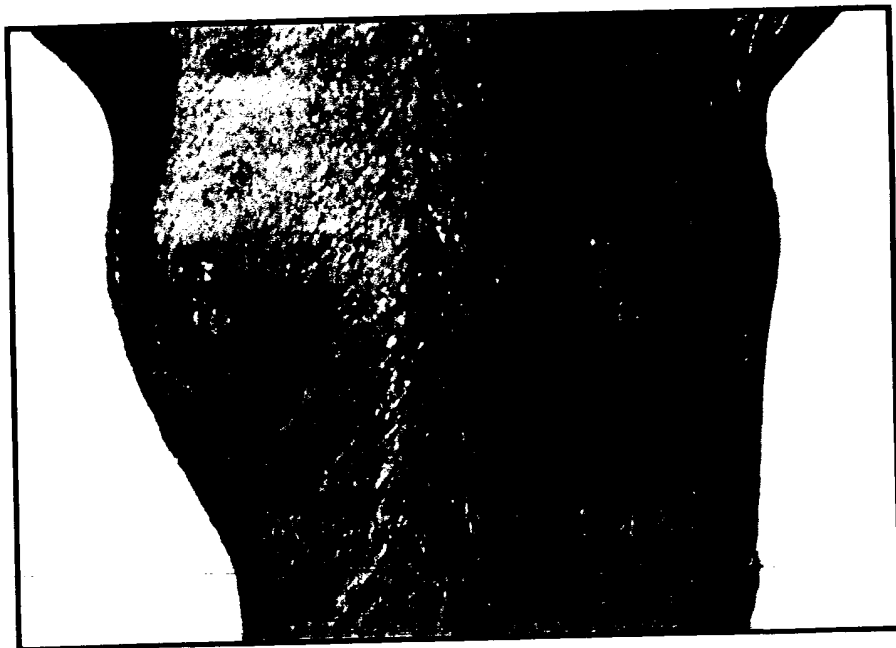


Figure 16A



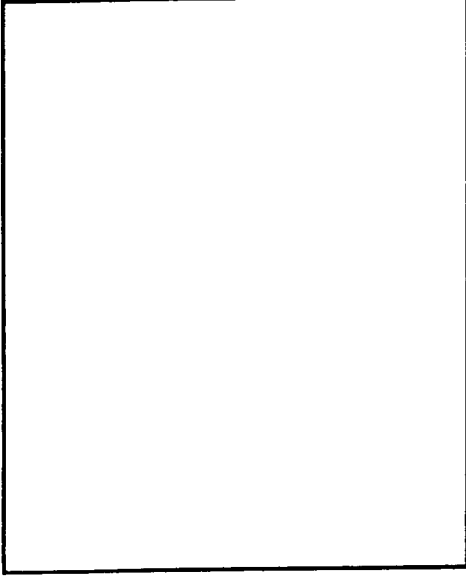
**KLA**



**DP1**

**Figure 16B**

**KLA**



**DP1**



**Figure 16C**

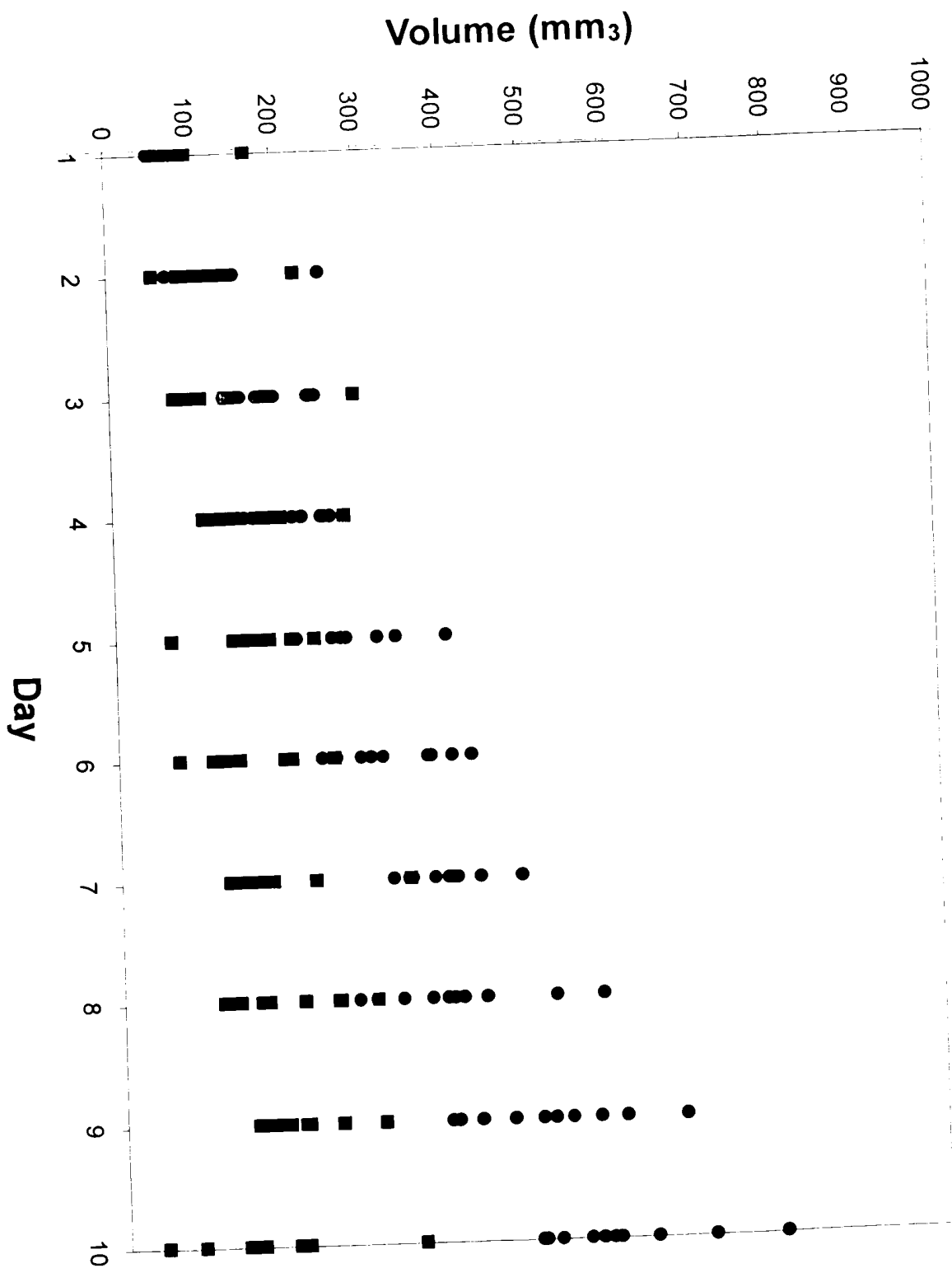
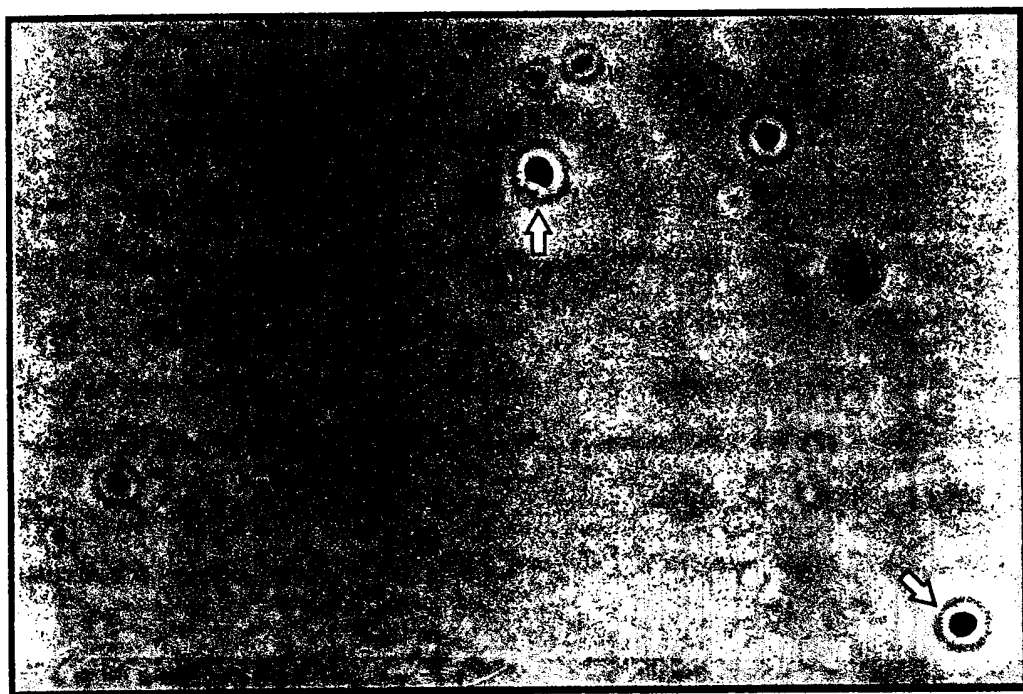


Figure 16D

# **CD34<sup>+</sup> /LIN<sup>-</sup> Stem Cells Are Transduced by a CTP-5-Biotin/Avidin- $\beta$ -Galactosidase Complex**



**Figure 17**

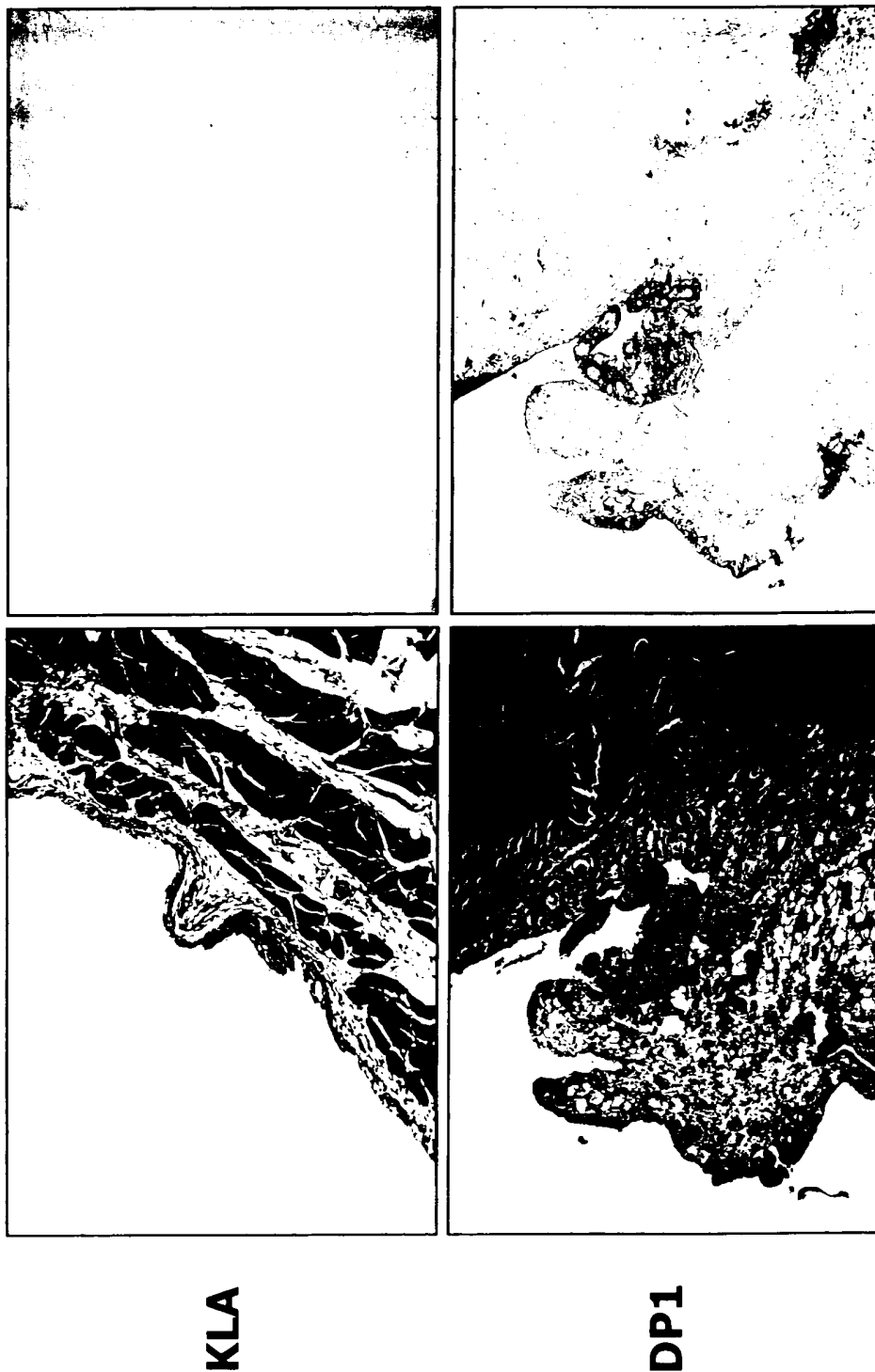


Figure 18



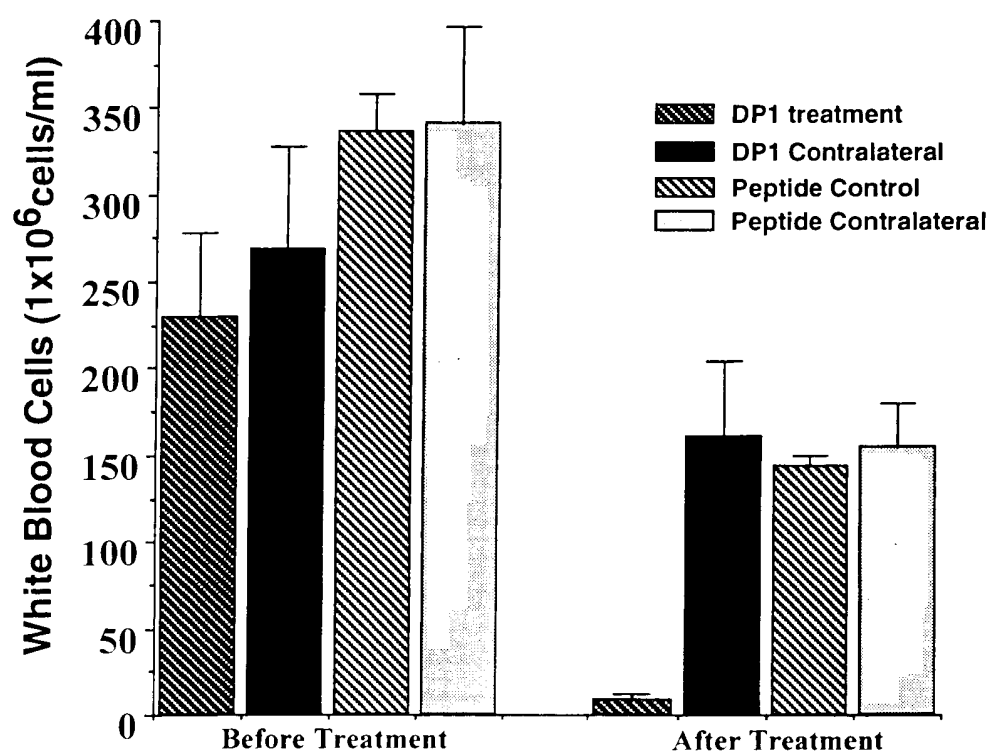


Figure 19

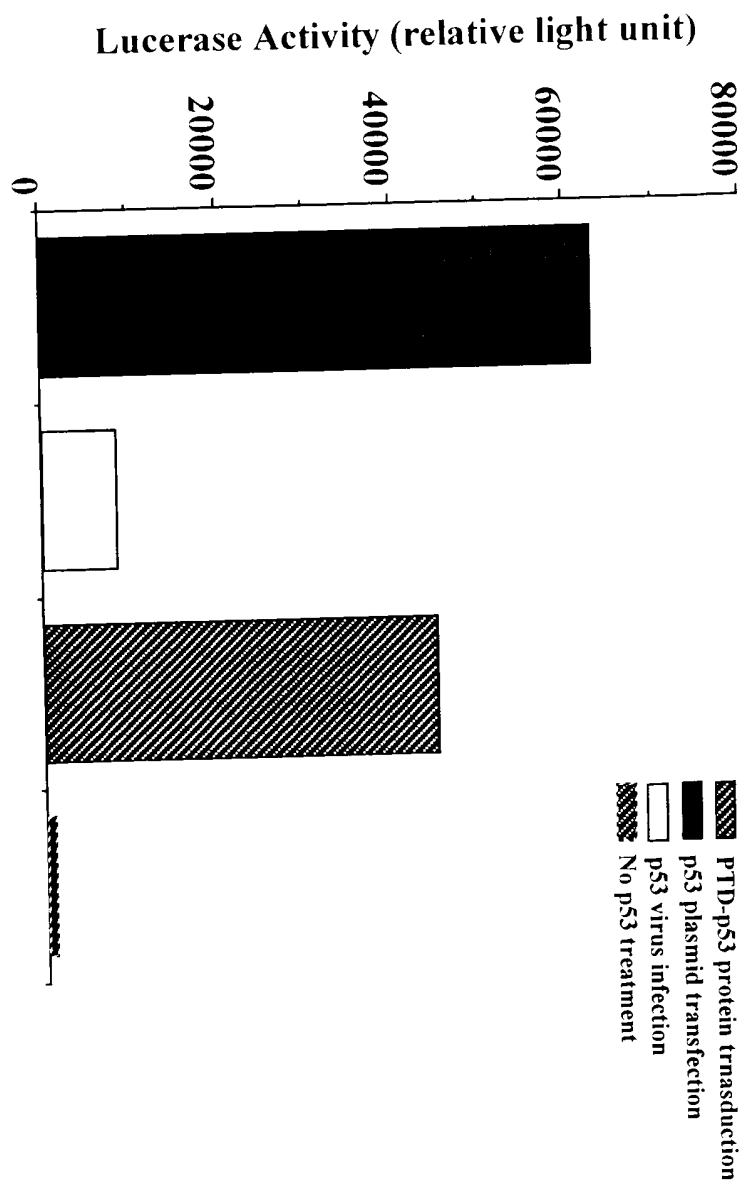


Figure 20

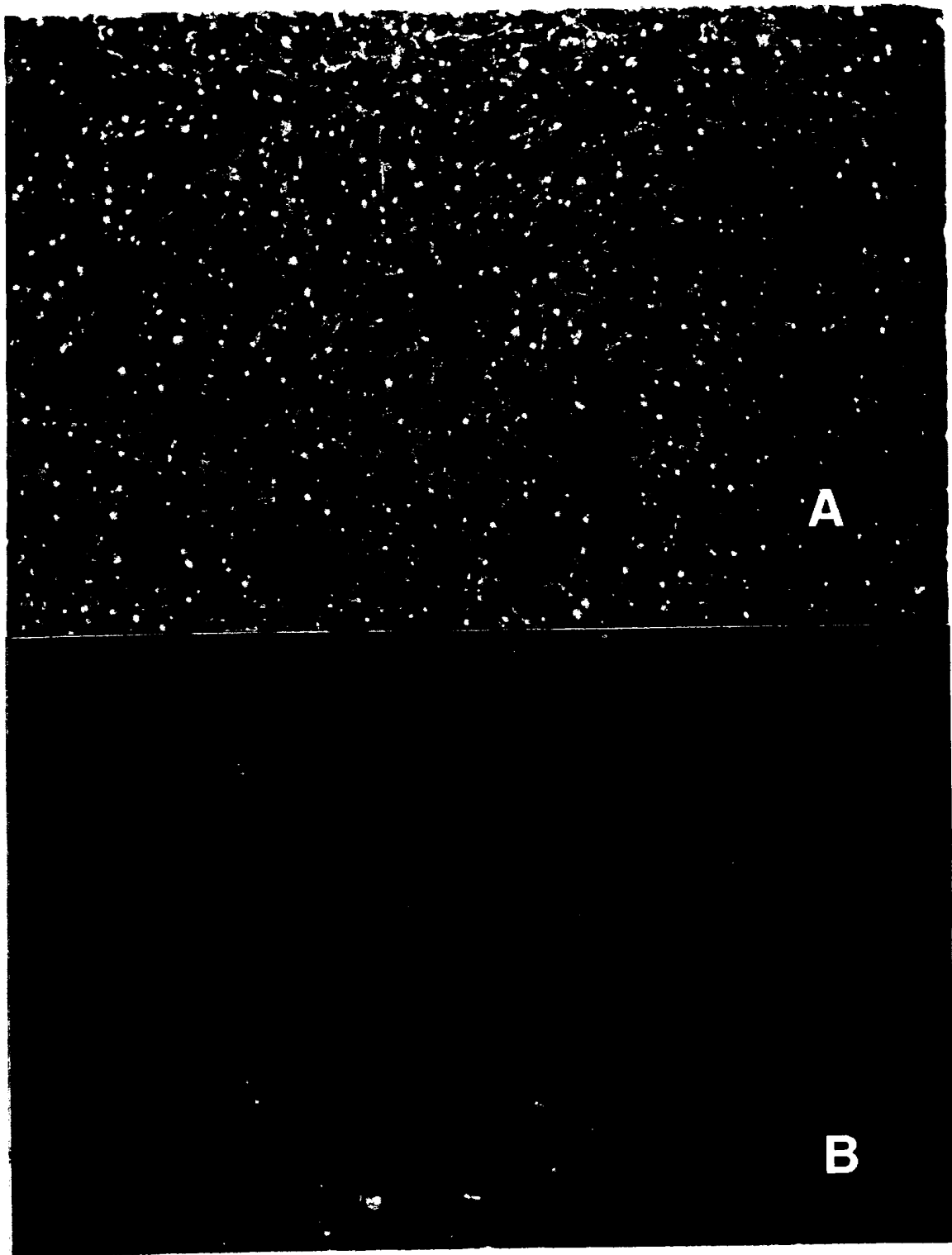


Figure 21

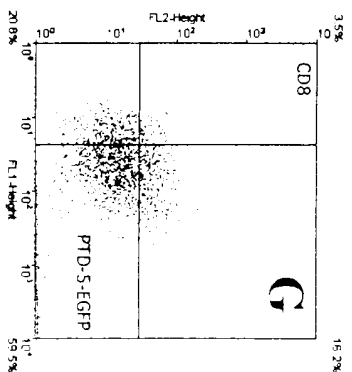
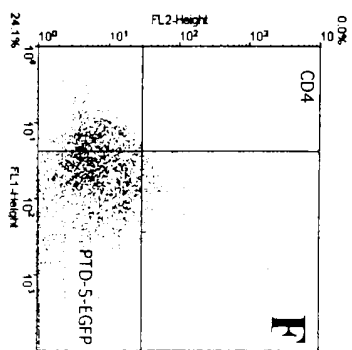
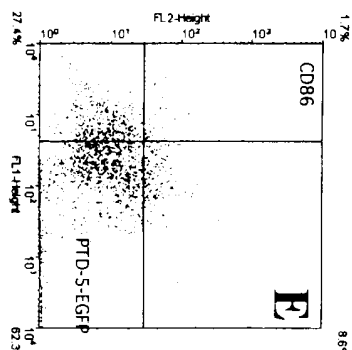
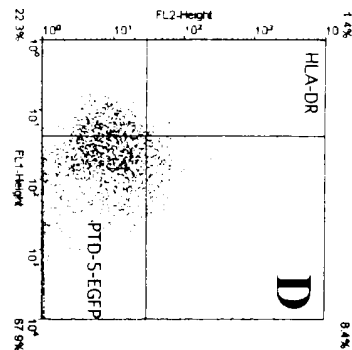
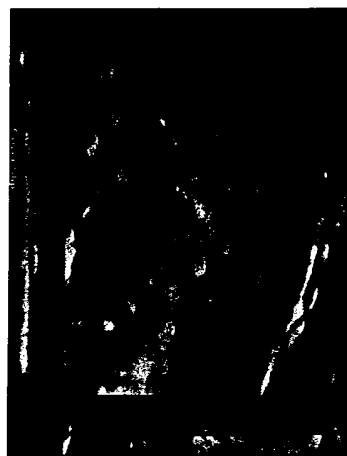
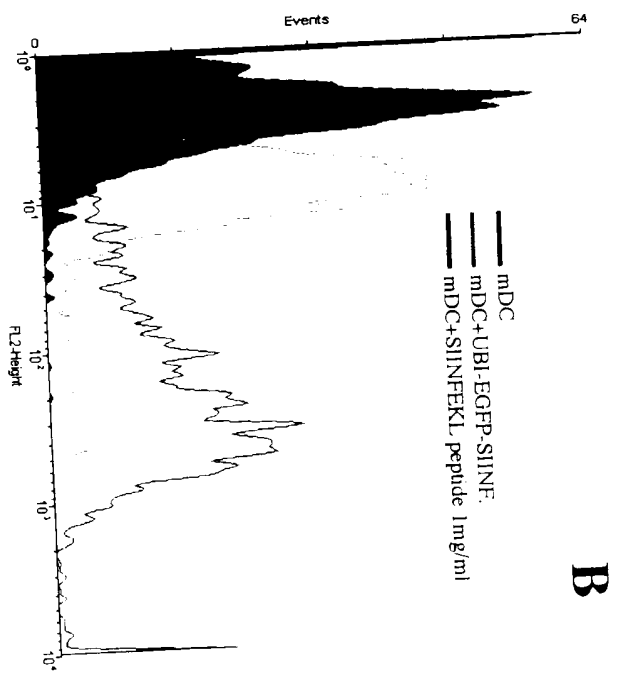
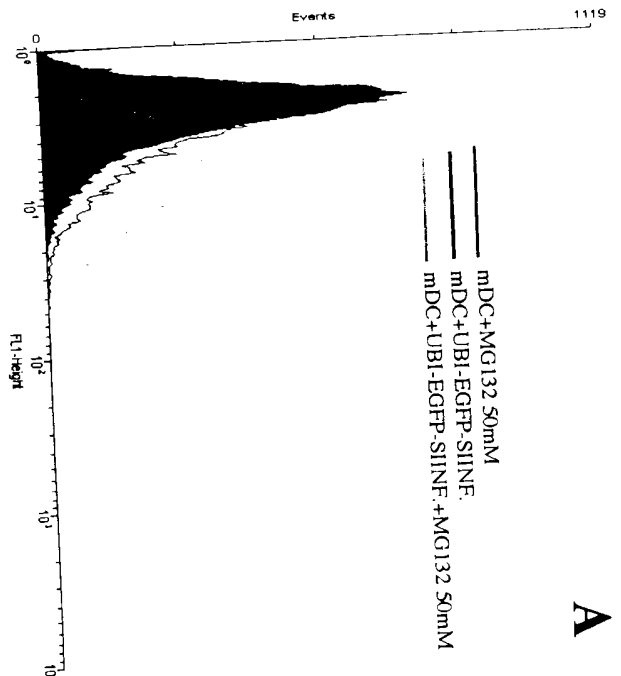
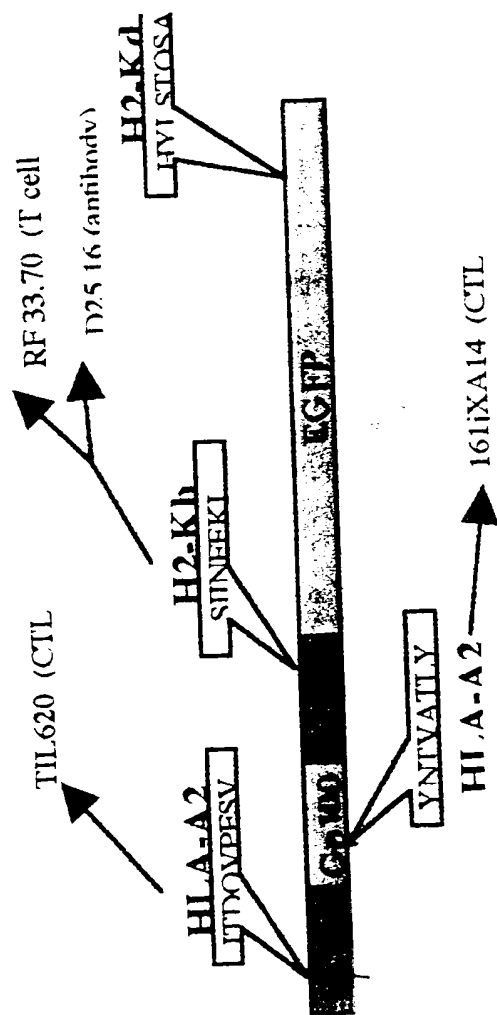


Figure 22



**Figure 23**



### 3Epi-EGFP

Figure 24